

# HistoricBridges.org - National Bridge Inventory Data Sheet

2016 Inventory

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.

Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

## Basic Information

District of Columbia [	District of Columbia [001]	Unknown [00000]	0.8 miles east of Lincoln	38-52-48.10 = 38.880028	077-02-24.00 = -77.040000
#Num!	Highway agency district: 0	Owner	National Park Service [66]	Maintenance responsibility	National Park Service [66]
Route	11	OHIO DRIVE	Toll	On free road [3]	Features intersected
					TIDAL BASIN
Design - main	Steel [3]	Design - approach		Kilometerpoint	208 km = 129.0 mi
5	Stringer/Multi-beam or girder [02]	0	Other [00]	Year built	1908
				Year reconstructed	1984
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]
Total length	42.1 m = 138.1 ft	Length of maximum span	8.5 m = 27.9 ft	Deck width, out-to-out	16.2 m = 53.2 ft
				Bridge roadway width, curb-to-curb	9.4 m = 30.8 ft
Inventory Route, Total Horizontal Clearance	9.4 m = 30.8 ft	Curb or sidewalk width - left	2.1 m = 6.9 ft	Curb or sidewalk width - right	4 m = 13.1 ft
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Bituminous [6]				
Deck protection					
Type of membrane/wearing surface					

## Weight Limits

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	33 metric ton = 36.3 tons
0.2 km = 0.1 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	44 metric ton = 48.4 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]

### Functional Details

Average Daily Traffic	13383	Average daily truck traffi	1	%	Year	2007	Future average daily traffic	14721	Year	2027
Road classification	Local (Urban) [19]		Lanes on structure	2		Approach roadway width	9.8 m = 32.2 ft			
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	2 - way traffic [2]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Waterway [5]		Lanes under structure	0		Navigation control				
Navigation vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
Minimum navigation vertical clearance, vertical lift bridge						Minimum vertical clearance over bridge roadway	99.99 m = 328.1 ft			
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	0 = N/A					Minimum lateral underclearance on left	0 = N/A			
Minimum Vertical Underclearance	0 = N/A		Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]						
Appraisal ratings - underclearances	N/A [N]									

### Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost

200000

Roadway improvement cost

20000

Length of structure improvement

Total project cost

300000

Year of improvement cost estimate

Border bridge - state

Border bridge - percent responsibility of other state

Border bridge - structure number

## Inspection and Sufficiency

Structure status	Open, no restriction [A]	Appraisal ratings - structural	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge over "tidal" waters that has not been evaluated for scour, but considered low risk. [T]		
Channel and channel protection	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]		
Appraisal ratings - water adequacy	Equal to present desirable criteria [8]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	84.5
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail ends	Not applicable or a safety feature is not required. [N]		
Inspection date	April 2015 [0415]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	July 2013 [0713]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	